

CONFIDENTIAL

File 605/1

PROGRESS REPORT
FOR
MONTH OF JULY 1959

CONTINUED

TRANSPORTABLE INFLATABLE ANTENNA

Purpose: The scope of this project is to design, develop and test one antenna system for the 350-10,000 mc range and to fabricate and deliver five complete antenna systems with indoor mounts and two interchangeable outdoor mounts.

Personnel: Electrical Engineer: 25X1
Mechanical Engineers:

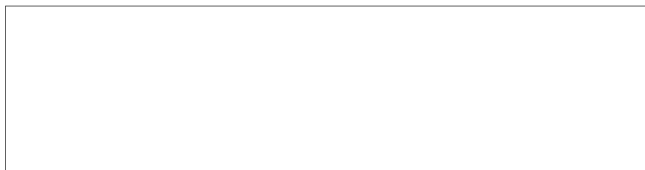
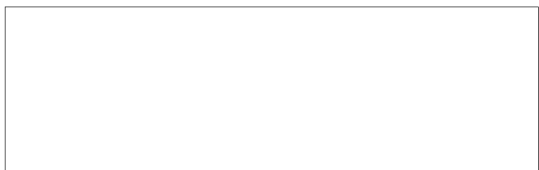
Status: Three of the remaining five log periodic feeds and five of the small electromagnetic horn feeds have been completed and tested. The last two log periodic feeds are in the final stages of being foamed.

Assembly work on the antenna systems has almost been completed and most of the parts have been packed.

The first draft of the final report has been completed.

Future Plans: The five remaining antenna systems will be delivered. Four of which will be delivered with RG8/U cable as proposed in last month's report. The air dielectric cable will be forwarded as soon as delivery has been made by Prodelin.

The final report will be completed.



25X1

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